

WiMAX Broadband Markets, Opportunities & Forecasts 2008-2014

65 pages of in-depth forecasts - Latest regional status up dates & commentary

This new WiMAX study includes a 65 page forecast suite that maps out the unfolding opportunity for WiMAX over the next six years. Data is broken down by broadband subscribers, DSL subscribers and WiMAX subscribers, as well as WiMAX service revenue forecasts and ARPU, split by eight key regions.

The report provides a realistic assessment of the potential for WiMAX to provide an alternative to DSL and cable and considers a number of key drivers such as the opportunity to serve underserved & unserved areas in developing and developed countries.

Each regional chapter includes an assessment of recent developments and an up to date status report of the WiMAX market and how the networks will be used in the region on an operator level to offer rural and metro alternatives.

Key Questions Addressed by this Report:

- How many WiMAX subscribers will there be each year from 2009 – 2014?
- Which will be the prime regions for WiMAX deployments?
- How many WiMAX subscribers are operational in each region?
- What are the main applications that WiMAX is providing in each region?
- How much service revenue and ARPU will WiMAX generate by region?
- What are the trends, drivers and constraints affecting the development of the WiMAX market?
- How many broadband subscribers will there be each year from 2009–2014?
- How many DSL subscribers will there be each year from 2009–2014?

Key Benefits:

- A unique source of combined research and analysis for the WiMAX broadband market including technologies, market characteristics and forecasts.
- Practical analysis of the emerging opportunities for vendors and operators.
- Unique insights: includes interviews of leading players with significant experience of the WiMAX broadband market.
- Benefit from fresh thinking and intelligent market assessment.

A photograph of a person in a dark suit sitting on a sandy beach, viewed from the side, using a laptop. The background shows the ocean and a cloudy sky. The entire image has a red color overlay.

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WiMAX Broadband: Analysis & Forecasts

report overview

WiMAX Broadband provides an analysis on how WiMAX is addressing the broadband market as well as examining the following technologies; 802.16e WiMAX, Flash OFDM, UMTS-TDD, CDMA, 1x-EVDO, HSPA, 3G LTE, UMB, DSL, WiFi, and satellite.

Broadband and DSL growth are identified for each region as is the WiMAX market status, and market forecasts with supporting detail for the main countries. Further specific forecasts such as the number of DSL subscribers with download speeds of 2Mbit/s or less are also included.

analysis & forecasts

Report Analysis

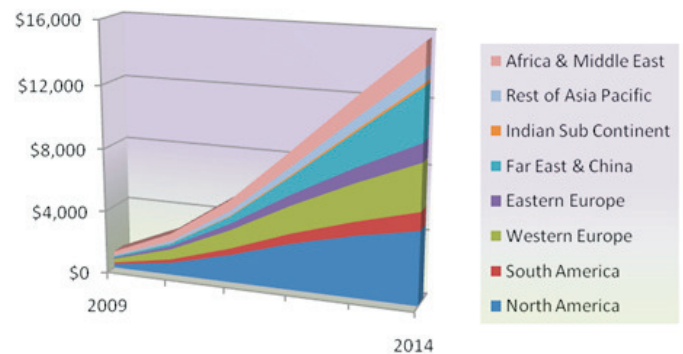
6 Year Analytical Forecasts provide an extensive market breakdown with subscriber growth and service revenues across 8 key regional markets and globally until 2014.

Split by 8 Key Regions North America; South America; Western Europe; Eastern Europe; Far East & China; Indian Sub Continent; Rest of Asia Pacific and Africa & Middle East.

Complete Market Breakdown piecing together the key driving influences and inhibitors to market growth; this report combines an appreciation of the important applications and emerging technologies, with a thorough analysis of regional market status, networks and granular country commentaries.

Visual Clarity with 65 pages delivering over 45 tables and colour forecast charts.

WiMAX Service Revenues (\$bn) Split by 8 Key Regions 2009-2014



Market Forecast Suite 2008-2014

Broadband/DSL broadband subscriber base; DSL subscriber base (split by 8 key regions)

WiMAX subscriber base/growth p.a.; broadband subscriber base - WiMAX, DSL, Cable & Fibre; service revenues; ARPU (split by 8 key regions)

our background

Juniper Research specialises in providing high quality analytical research reports & consultancy services to the telecoms industry. We have particular expertise in mobile, wireless, broadband & IP-convergence.

Juniper is independent & provides authoritative assessments of markets, technologies & industry players. Our analysts are experienced senior managers with proven track records in each of their specialist fields.

Each report is thoroughly researched, intelligently written & proof-read by qualified experts prior to publication. The report offers a rich mix of graphics, illustrations, technology roadmaps and tables.

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Executive Summary

1. Wireless Broadband Market Drivers

Personal Connectivity: "Always On"; Economic Growth; Emerging Mobile Youth Generation; New Apps & Services

- The emergence of 3G and mobile content; Growth of mobile commerce; Mobile web 2.0 - future applications and services; Growth of mobile web
- The Need for Mobility

2. WiMAX Drivers & Inhibitors

WiMAX Specific Drivers

- Designed for data; Lack of infrastructure in developing countries; Attractive for greenfield operators; Underserved & unserved areas in developing countries; Spectrum availability and efficiency; High QoS & data rate

WiMAX Specific Inhibitors

- Not fully mobile; Lack of coverage; New network build; What is the WiMAX USP?

3. Broadband/DSL Forecasts

Subscriber Forecasting Technique

- Overall approach; Methodology and assumptions; Geographical splits

Broadband Subscriber Forecasts; DSL Subscriber Forecasts; Regional Broadband Commentaries

- N America; S America; W Europe; E Europe; Far East & China; Indian Sub Continent; Rest of Asia-Pacific; Africa & Middle East

4. Global WiMAX Forecasts

WiMAX Market Issues

- Devices and roaming: types of WiMAX access possible under IEEE standards; Alvarion BreezeMAX 802.16e 3.5 Ghz; Intel Echo peak prime embedded WiMAX/WiFi module

Regulatory

- World Radiocommunications Conference agreement; European Commission; spectrum auctions

- Untapped potential in developing countries

WiMAX ARPU Forecasts; Global WiMAX Subscriber Forecasts

- WiMAX subscriber base/growth p.a.; Broadband subscriber base (WiMAX, DSL, Cable & Fibre)

Global WiMAX Service Revenues Forecast

5. WiMAX Regional Analysis

North America

- Market status; Network Analysis
- Broadband subscriber base forecasts: split by WiMAX, Cable, DSL & other technologies; WiMAX market (subscriber base/growth p.a.)

South America

- Market status; Network Analysis
- WiMAX subscriber forecasts: broadband subscriber base split by WiMAX, DSL & other technologies
- Country commentaries: Brazil; Mexico; Argentina

Western Europe

- Market status; Network Analysis
- WiMAX subscriber forecasts: broadband subscriber base split by WiMAX, DSL & other technologies; WiMAX market (subscriber base/growth p.a.)
- Country commentaries: France; Germany; Italy; Netherlands; Norway; Spain; UK

Eastern Europe

- Market status; Network Analysis
- WiMAX subscriber forecasts: broadband subscriber base split by WiMAX, DSL & other technologies; WiMAX market (subscriber base/growth p.a.)
- Country commentaries: Poland; Russia

Far East & China

- Market status; Network Analysis
- WiMAX subscriber forecasts: broadband subscriber base split by WiMAX, DSL & other technologies; WiMAX market (subscriber base/growth p.a.)

- Country commentaries: China; Hong Kong; Japan; South Korea

Indian Sub Continent

- Market status; Network Analysis
- WiMAX subscriber forecasts: broadband subscriber base split by WiMAX, DSL & other technologies; WiMAX market (subscriber base/growth p.a.)
- Country commentaries: India; Pakistan

Rest of Asia Pacific

- Market status; Network Analysis
- WiMAX subscriber forecasts: broadband subscriber base split by WiMAX, DSL & other technologies; WiMAX market (subscriber base/growth p.a.)
- Country commentaries: Australia; Thailand; Singapore; Indonesia

Africa & Middle East

- Market status; Network Analysis
- WiMAX subscriber forecasts: broadband subscriber base split by WiMAX, DSL & other technologies; WiMAX market (subscriber base/growth p.a.)
- Country commentaries: Saudi Arabia; South Africa; Israel; Jordan

6. Broadband Technologies

WiMAX

- OFDM
- Fixed WiMAX (802.16d-2004); Mobile WiMAX (802.16e-2005; 802.16m)

Mobile WiMAX timeline

Flash OFDM; UMTS-TDD; HSPA

- 3GPP: release 5/6/7 & 8 evolved (HSPA+); HSPA devices

3G LTE (Long Term Evolution)

- 3GPP release 8 (LTE & SAE); LTE advanced

CDMA 1X EVDO & UMB; Duplexing Techniques

- FDD (Frequency Division Duplexing); TDD (Time Division Duplexing)

Technology Comparison; Competing Broadband Access Technologies

109 Pages

